

506

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/517,647A
Source: P4
Date Processed by STIC: 1/26/06

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RAW SEQUENCE LISTING

DATE: 01/26/2006

PATENT APPLICATION: US/10/517,647A

TIME: 09:07:11

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Output Set: N:\CRF4\01262006\J517647A.raw

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3 <110> APPLICANT: Moore, Rachael
4      Dudley, Adam Jeston
6 <120> TITLE OF INVENTION: METHODS FOR THE DETECTION OF POLYMORPHISMS IN THE HUMAN OATPF GENE
8 <130> FILE REFERENCE: 06275-422US1
-> 10 <140> CURRENT APPLICATION NUMBER: US/10/517,647A
-> 10 <141> CURRENT FILING DATE: 2004-12-10
10 <150> PRIOR APPLICATION NUMBER: PCT/GB03/02487
11 <151> PRIOR FILING DATE: 2003-06-10
13 <150> PRIOR APPLICATION NUMBER: GB 0213580.4
14 <151> PRIOR FILING DATE: 2002-06-13
16 <150> PRIOR APPLICATION NUMBER: US 60/388,692
17 <151> PRIOR FILING DATE: 2002-06-14
19 <160> NUMBER OF SEQ ID NOS: 17
21 <170> SOFTWARE: PatentIn Ver. 2.1
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 40
25 <212> TYPE: DNA
26 <213> ORGANISM: Artificial Sequence
28 <220> FEATURE:
29 <223> OTHER INFORMATION: Description of Artificial Sequence:PCR forward
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55 <220> FEATURE:
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63 <210> SEQ ID NO: 4
64 <211> LENGTH: 41

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157 <213> ORGANISM: Artificial Sequence
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160 <223> OTHER INFORMATION: Description of Artificial Sequence:PCR reverse
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163 <400> SEQUENCE: 11
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167 <210> SEQ ID NO: 12
168 <211> LENGTH: 20
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172 <220> FEATURE:
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174     primer
176 <400> SEQUENCE: 12
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194 <211> LENGTH: 41
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207 <211> LENGTH: 54

208 <212> TYPE: DNA

209 <213> ORGANISM: Homo sapiens

211 <400> SEQUENCE: 15

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215 <210> SEQ ID NO: 16

216 <211> LENGTH: 3077

217 <212> TYPE: DNA

218 <213> ORGANISM: Homo sapiens

220 <400> SEQUENCE: 16

221 cattgaaagg aaatggctat ctttgatctc ttcctccaga tcagagtcaa ggaatgtgtt 60
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223 tgttggaagg ccttctttta aaacagaata tccctcctca gaagaaaagc aaccatgctg 180
224 tggatgaact aaggtgttct tgtgtgcctt gtcttttgtt tactttgcc aagcattggc 240
225 agaaggctat ctgaagagca ccatcactca gatagagaga aggtttgata tcccttcttc 300
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228 gggagttgga acactgctca ttgcaatgcc tcagttcttc atggagcagt acaaatatga 480
229 gagatattct ccttcttcca attccactct cagcatctct ccgtgtctcc tagagtcaag 540
230 cagtcaatta ccagtttcag ttatggaaaa atcaaaatcc aaaataagta acgaatgtga 600
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236 aatagcagga atcataagtc ttcttgacgc tgtgcctttc tggattttac caaagagttt 960
237 accaagatcc caaagtagag aggattctaa ttcttctctc gagaaatcca agtttattat 1020
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245 ccaaggaacc aaacctgtct cttatcatga acgagctctc ttttcagatt gcaactcaag 1500
246 atgcaaatgt tcagagacaa aatgggaacc catgtgcggg gaaaatggaa tcacatatgt 1560
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250 catcacatcc tatactttat ccctaggtgg catacctgga tacatattac ttctgaggtg 1800
251 cattaagcca cagcttaagt cttttgcctt gggatcttac acattagcaa taagagttct 1860
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253 gggattttaa agatgtggaa gtagaggatc atgcagatta tatgattcaa atgtcttcag 1980
254 acatatatat ctgggactaa ctgtgatact gggcacagtg tcaattctcc taagcattgc 2040
255 agtacttttc atttttaaaga aaaattatgt ttcaaaacac agaagtttta taaccaagag 2100
256 agaaagaaca atggtgtcta caagattcca aaaggaaaat tacactacaa gtgatcatct 2160
257 gctacaaccc aactactggc caggcaagga aactcaactt tagaaacatg atgactggaa 2220
258 gtcattgtct ctaattgggt gacattttgc aaacaaataa attgtaatca aaagagctct 2280
259 aaatttgtaa tttctttctc ctttcaaaaa atgtctactt tgttttggtc ctaggcatta 2340

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260 ggtaatatataa ctgataatat actgaaacat ataatggaag atgcagatga taaaactaat 2400
261 tttgaactttt ttaatttata taaattatatt tatatcactt acttattttca ctttatttttg 2460
262 ctttgtgctc attgatatat attagctgta ctccctagaag aacaattgtc tctattgtca 2520
263 cacatgggta tattttaaagt aattttctgaa ctgtgtaatg tgtctagagt aagcaaatac 2580
264 tgctaacaat taactcatac cttgggttcc ttcaagtatt actcctatag tattttctcc 2640
265 catagctgtc ttcattctgtg tattttaata atgatcttag gatggagcag aacatggaga 2700
266 ggaagatttc attttaagct cctccttttc tttgaaatac aataatttat atagaaatgt 2760
267 gtagcagcaa atttatattgg ggattagaat tttgaattaa tagctctcct actattaatt 2820
268 tacatgtgct ttttgtgtgg cgctataagt gactatgggt gtaaagtaat aaaattgatg 2880
269 ttaacatgcc caattattgt tcttttatga attcaatgaa tttaaaacta ttgttaaata 2940
270 taatactgcc ccactttaat atatgtaagc aacttcctac ttatacacga cgtgttcccta 3000
271 aaacatgttt gaaaggtgaa tttctgaaag tctacaataa atgtaggtgt tacaacagga 3060
272 aaaaaaaaaa aaaaaaa 3077

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275 <210> SEQ ID NO: 17

276 <211> LENGTH: 712

277 <212> TYPE: PRT

278 <213> ORGANISM: Homo sapiens

280 <400> SEQUENCE: 17

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285           20           25           30
287 Glu Glu Lys Gln Pro Cys Cys Gly Glu Leu Lys Val Phe Leu Cys Ala
288           35           40           45
290 Leu Ser Phe Val Tyr Phe Ala Lys Ala Leu Ala Glu Gly Tyr Leu Lys
291           50           55           60
293 Ser Thr Ile Thr Gln Ile Glu Arg Arg Phe Asp Ile Pro Ser Ser Leu
294   65           70           75           80
296 Val Gly Val Ile Asp Gly Ser Phe Glu Ile Gly Asn Leu Leu Val Ile
297           85           90           95
299 Thr Phe Val Ser Tyr Phe Gly Ala Lys Leu His Arg Pro Lys Ile Ile
300           100          105          110
302 Gly Ala Gly Cys Val Ile Met Gly Val Gly Thr Leu Leu Ile Ala Met
303           115          120          125
305 Pro Gln Phe Phe Met Glu Gln Tyr Lys Tyr Glu Arg Tyr Ser Pro Ser
306           130          135          140
308 Ser Asn Ser Thr Leu Ser Ile Ser Pro Cys Leu Leu Glu Ser Ser Ser
309  145          150          155          160
311 Gln Leu Pro Val Ser Val Met Glu Lys Ser Lys Ser Lys Ile Ser Asn
312           165          170          175
314 Glu Cys Glu Val Asp Thr Ser Ser Ser Met Trp Ile Tyr Val Phe Leu
315           180          185          190
317 Gly Asn Leu Leu Arg Gly Ile Gly Glu Thr Pro Ile Gln Pro Leu Gly
318           195          200          205
320 Ile Ala Tyr Leu Asp Asp Phe Ala Ser Glu Asp Asn Ala Ala Phe Tyr
321           210          215          220
323 Ile Gly Cys Val Gln Thr Val Ala Ile Ile Gly Pro Ile Phe Gly Phe
324  225          230          235          240
326 Leu Leu Gly Ser Leu Cys Ala Lys Leu Tyr Val Asp Ile Gly Phe Val

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VERIFICATION SUMMARY

DATE: 01/26/2006

PATENT APPLICATION: US/10/517,647A

TIME: 09:07:12

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10 M:270 C: Current Application Number differs, Replaced Current Application No

10 M:271 C: Current Filing Date differs, Replaced Current Filing Date